

COMPUTING – WEB DESIGN

Bachelor of Science

Curriculum Guide

▪ FIRST YEAR

First Semester

| | | | |
|-------|-----|------------------------|----------|
| CORE | 108 | Connections | 1 |
| CPTR | 225 | Web Development Basics | 1 |
| CPTR | 226 | Computer Science I | 4 |
| BUAD | 138 | Dynamics of Business | 3 |
| RELT* | 141 | Christian Beliefs | 3 |
| COMM | 105 | Public Speaking | 2 |
| ENGL | 111 | College Writing I | 3 |
| | | | <u>3</u> |
| Total | | | 17 |

Second Semester

| | | | |
|-------|-----|---------------------------------------|----------|
| CPTR | 220 | Microcomputer Applications | 3 |
| CPTR | 227 | Computer Science II | 4 |
| CPTR | 190 | PC Technology Fundamentals | 1 |
| CPTR | 240 | System Administration | 3 |
| ENGL | 112 | College Writing II | 3 |
| MATH* | 221 | Elementary Statistics and Probability | 3 |
| | | | <u>3</u> |
| Total | | | 17 |

▪ SECOND YEAR

First Semester

| | | | |
|-------|-----|------------------------------|----------|
| CPTR | 320 | Networking | 3 |
| GRPH | 150 | Introduction to Graphic Arts | 3 |
| ACCT | 211 | Principles of Accounting | 3 |
| PHYS | 151 | General Physics | 4 |
| ART^ | 115 | Design I | 2 |
| HHPA | | Activity Elective | 1 |
| | | | <u>1</u> |
| Total | | | 16 |

Second Semester

| | | | |
|-------|-----|-----------------------------|----------|
| CPTR | 327 | Systems Analysis and Design | 3 |
| ACCT | 212 | Principles of Accounting | 3 |
| RELB* | 255 | Jesus and the Gospels | 3 |
| HHPA | 155 | Concepts of Wellness | 2 |
| LITR | | Literature Elective | 3 |
| ART^ | 225 | Color Theory | 2 |
| | | | <u>2</u> |
| Total | | | 16 |

▪ THIRD YEAR

First Semester

| | | | |
|-------|-----|------------------------------|----------|
| GRPH | 252 | Computer Design | 3 |
| GRPH | 250 | Digital Imaging | 3 |
| PSYC* | 105 | Introduction to Psychology | 3 |
| ECON* | 235 | Principles of Microeconomics | 3 |
| RELB* | 226 | Old Testament Survey | 3 |
| HMNT* | 305 | Arts and Ideas | 2 |
| | | | <u>2</u> |
| Total | | | 17 |

Second Semester

| | | | |
|-------|-----|-------------------------------------|----------|
| RELT | 305 | Christian Ethics | 3 |
| BIOL* | 377 | Origins | 3 |
| CPTR | 420 | Windows Administration and Security | 3 |
| GRPH | 225 | Digital Photography | 3 |
| HHPA | | Activity Elective | 1 |
| HIST | | History Elective | 3 |
| | | | <u>3</u> |
| Total | | | 16 |

▪ FOURTH YEAR

First Semester

| | | | |
|-------|-----|-------------------------|----------|
| CPTR | 424 | Database Systems | 3 |
| BUAD | 425 | Business Communications | 3 |
| GRPH | 487 | Interactive Web Design | 3 |
| MRKT | 327 | Marketing | 3 |
| | | Electives | 3 |
| | | | <u>3</u> |
| Total | | | 15 |

Second Semester

| | | | |
|-------|-----|--------------------------------|----------|
| CPTR* | 475 | Internship in Computer Science | 3 |
| FNCE | 332 | Investments | 3 |
| ACCT* | 335 | Accounting Information Systems | 3 |
| GRPH | 358 | Typography | 3 |
| | | Electives | 2 |
| | | | <u>2</u> |
| Total | | | 14 |

128 hours are required for graduation. 40 hours must be upper division (300 level or above).

* Other courses may also meet this requirement. See the Union College Bulletin 2012.

^ Alternate year course.

This sample guide is intended only to show you how a program might be arranged. Course schedules may change and it is possible that your courses will not be taken exactly in the order shown. Your academic advisor will help you design a program around your educational needs and goals.